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United States Department of Agriculture,

WASHINGTON, D. C., September 30, 1915.

MONTHLY LIST OF PUBLICATIONS.

[SEPTEMBER, 1915.]

Copies of any of the publications listed herein, except the *Journal of Agricultural Research*, *Experiment Station Record*, and publications of the Weather Bureau, may be obtained free upon application to the Editor and Chief of the Division of Publications, United States Department of Agriculture, Washington, D. C., as long as the department's supply lasts.

When this department's supply is exhausted, publications can be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., by purchase only, and at the prices noted herein.

Send all remittances to the Superintendent of Documents direct. His office is not a part of the Department of Agriculture.

SERIALS.

Journal of Agricultural Research. Vol. 4, No. 6. September, 1915.

Contents: Degree of Resemblance of Parents and Offspring with Respect to Birth as Twins for Registered Shropshire Sheep. By H. L. Rietz and Elmer Roberts.—Soil Protozoa. By George P. Koch.—*Tylenchus Similis*, the Cause of a Root Disease of Sugar Cane and Banana. By N. A. Cobb.—Index and Contents of Volume IV. Pp. 479-579+i-xvi, figs. 2. Price, 25 cents.

NOTE.—THE JOURNAL OF AGRICULTURAL RESEARCH will be distributed free *only* to the libraries of agricultural colleges and experiment stations, to large universities, technical schools, and such institutions as make suitable exchanges with the department. It will not be sent free to individuals. The Superintendent of Documents will receive subscriptions for this publication, the price being \$2.50 per year, 12 numbers.

Experiment Station Record, Vol. XXXIII, No. 3, Abstract Number. E. W. Allen, Ph. D., Editor. Pp. 201-300. Price, 15 cents.

NOTE.—The Record is a technical review of the world's scientific literature pertaining to agriculture. It is not intended for general distribution, and its free distribution is restricted to persons connected with the agricultural colleges, experiment stations, and similar institutions, and to libraries and exchanges. It can not be sent free to individuals having no official connection with public institutions. The Superintendent of Documents will receive subscriptions for this publication, which is issued in two volumes a year, ten numbers each, at \$1 a volume.

The Monthly Crop Report. Vol. 1, No. 5, September 15, 1915. Pp. 41-52. (Bureau of Crop Estimates.)

The Monthly Crop Report contains data relating to agriculture, including estimates of acreage, condition, yield, prices, and value of crops and live stock.

SERVICE AND REGULATORY ANNOUNCEMENTS.

These contain *only* information, instructions, and notices governing the enforcement of the pure food and quarantine laws, and the various regulations of the department. Issued monthly by certain bureaus. *Free distribution* is limited to persons in the employ of the department, to public officials whose duties render it necessary for them to have such information, to journals especially concerned, and to manufacturers and firms whose business is affected by same. Others desiring copies are respectfully referred to the Superintendent of Documents, Government Printing Office, who has them for sale *only*, at 5 cents per copy.

Bureau of Animal Industry, No. 100. August, 1915. Pp. 93-103. Sept. 27, 1915. Price, 5 cents.

Bureau of Chemistry, Supplement No. 9. Pp. 497-557. Sept. 24, 1915. Price, 5 cents.

SOIL SURVEYS.

- Soil Reconnoissance in Alaska, With an Estimate of the Agricultural Possibilities. By Hugh H. Bennett and Thomas D. Rice. Pp. 202, pls. 40, maps, 2. (From F. O. Soils, 1914.) Price, 35 cents.
- Soil Survey of Hernando County, Florida. By Grove B. Jones and T. M. Morrison. Pp. 30, pls. 4, fig. 1, map. (From F. O. Soils, 1914.) Price, 15 cents.
- Soil Survey of Terrell County, Georgia. By David D. Long, of the Georgia State College of Agriculture, and Mark Baldwin, of the U. S. Department of Agriculture. Pp. 62, fig. 1, map. (From F. O. Soils, 1914.) Price, 15 cents.
- Soil Survey of Rowan County, North Carolina. By R. B. Hardison, of the U. S. Department of Agriculture, and R. C. Journey, of the North Carolina Department of Agriculture. Pp. 47, fig. 1, map. (From F. O. Soils, 1914.) Price, 15 cents.
- Soil Survey of Paulding County, Ohio. By H. G. Lewis, of the U. S. Department of Agriculture, and Carl W. Shiffler, of the Ohio Agricultural Experiment Station. Pp. 29, fig. 1, map. (From F. O. Soils, 1914.) Price, 15 cents.

BULLETINS.

- Dates of Egypt and the Sudan. By S. C. Mason, Arboriculturist, Crop Physiology and Breeding Investigations. Pp. 40, pls. 16, figs. 9. Contribution from the Bureau of Plant Industry. (Professional Paper.) Sept. 28, 1915. (Department Bulletin 271.) Price, 20 cents.
A description of date culture and varieties grown in Egypt.
- The Southern Cypress. By Wilbur R. Mattoon, Forest Examiner. Pp. 74, pls. 11, figs. 7. Contribution from the Forest Service. Sept. 27, 1915. (Department Bulletin 272.) Price, 20 cents.
Describes range, supply, methods of lumbering, and markets and prices of cypress.
- The Pea Aphis With Relation to Forage Crops. By J. J. Davis, Entomological Assistant, Cereal and Forage Insect Investigations. Pp. 67, figs. 16. Contribution from the Bureau of Entomology. (Professional Paper.) Sept. 29, 1915. (Department Bulletin 276.) Price, 15 cents.
A technical publication of interest to entomologists, and not suitable for general distribution.
- Food Habits of the Thrushes of the United States. By F. E. L. Beal, Assistant Biologist. Pp. 23, figs. 2. Contribution from the Bureau of Biological Survey. (Professional Paper.) Sept. 27, 1915. (Department Bulletin 280.) Price, 5 cents.
Treats of the economic relations and value to agriculture of the thrushes of the United States other than robins and bluebirds.
- The Production of Sulphuric Acid and a Proposed New Method of Manufacture. By William H. Waggaman, Scientist in Fertilizer Investigations. Pp. 39, fig. 1. Contribution from the Bureau of Soils. (Professional Paper.) Sept. 28, 1915. (Department Bulletin 283.) Price, 10 cents.
Technical in character and not for miscellaneous distribution.
- Construction and Maintenance of Roads and Bridges from July 1, 1913, to Dec. 31, 1914. Pp. 64. Contribution from the Office of Public Roads and Rural Engineering. Sept. 17, 1915. (Department Bulletin 284.) Price, 10 cents.
Contains reports on work done on roads and bridges in various parts of the United States, and is of interest to contractors, engineers, and road officials only.
- Strength Test of Structural Timbers Treated by Commercial Wood-Preserving Processes. By H. S. Betts and J. A. Newlin, Engineers in Forest Products, Forest Products Laboratory. Pp. 15, figs. 7. Contribution from the Forest Service. (Professional Paper.) Sept. 27, 1915. (Department Bulletin 286.) Price, 5 cents.
Of interest to users of timber where strength is an important consideration.
- A Device for Sampling Grain, Seeds, and Other Material. By E. G. Boerner, Assistant in Grain Standardization. Pp. 4, figs. 5. Contribution from the Bureau of Plant Industry. (Professional Paper.) Sept. 14, 1915. (Department Bulletin 287.) Price, 5 cents.
Of interest to all who have occasion to get samples of grain and seeds.

Custom Ginning as a Factor in Cotton-Seed Deterioration. By D. A. Saunders, Plant Breeder, and P. V. Cardon, Assistant Agronomist, Office of Crop Acclimatization. Pp. 8, figs. 5. Contribution from the Bureau of Plant Industry. Sept. 7, 1915. (Department Bulletin 288.) Price, 5 cents.

Should be of service to all who are interested in the production and maintenance of pure cotton seed.

Red-Clover Seed Production: Pollination Studies. By J. M. Westgate and H. S. Coe, Office of Forage Crop Investigations; A. T. Wiancko and F. E. Robbins, of the Indiana Agricultural Experiment Station; and H. D. Hughes, L. H. Pammel, and J. N. Martin, of the Iowa Agricultural Experiment Station. Pp. 31, figs. 7. Contribution from the Bureau of Plant Industry. (Professional Paper.) Sept. 21, 1915. (Department Bulletin 289.) Price, 5 cents.

Of special interest to those engaged in the production of clover seed for commercial purposes.

Apple Market Investigations, 1914-15. By Clarence W. Moomaw, Specialist in Cooperative Organization, and M. M. Stewart, Assistant in Market Grades and Standards. Pp. 23, pl. 1, charts 12. Contribution from the Office of Markets and Rural Organization. Sept. 15, 1915. (Department Bulletin 302.) Price, 10 cents.

Of general interest to apple growers, shippers, dealers, transportation companies, and consumers, and to all engaged in the trade in apples and fruits.

A Review of the American Moles. By Hartley H. T. Jackson, Assistant Biologist, Biological Survey. Pp. 100, pls. 6, figs. 27. Sept. 30, 1915. (North American Fauna, No. 38.) Price, 20 cents.

Technical in character and not for miscellaneous distribution.

Inventory of Seeds and Plants Imported by the Office of Foreign Seed and Plant Introduction, Bureau of Plant Industry, During the Period from Jan. 1 to Mar. 31, 1913. Pp. 51, pls. 6. (Inventory No. 34; Nos. 34728 to 35135.) Price, 10 cents.

The department's supply of this publication is exhausted.

FARMERS' BULLETINS.

Squab Raising. By Alfred R. Lee, Animal Husbandman in Poultry Investigations, Animal Husbandry Division. Pp. 16, figs. 9. Contribution from the Bureau of Animal Industry. Sept. 13, 1915. (Farmers' Bulletin 684.)

Discusses the general management of pigeons for the production of squabs, and also contains a summary of data secured from pigeon breeders throughout the United States. It will be of interest to anyone considering the production of squabs for market.

Uses of Sorghum Grain. By Carleton R. Ball, Agronomist in Charge, and Benton E. Rothgeb, Scientific Assistant, Grain-Sorghum and Broom-Corn Investigations. Pp. 15, figs. 12. Contribution from the Bureau of Plant Industry. Sept. 22, 1915. (Farmers' Bulletin 686.)

Suitable for distribution in the southern part of the Great Plains area.

Eradication of Ferns from Pasture Lands in the Eastern United States. By H. R. Cox, Agriculturist, Office of Farm Management. Pp. 12, figs. 8. Contribution from the Bureau of Plant Industry. Sept. 18, 1915. (Farmers' Bulletin 687.)

Of interest to farmers in the hill country of the Northeastern States and the higher portions of the Appalachian Mountain region farther south.

The Culture of Rice in California. By Charles E. Chambliss, Agronomist in Charge of Rice Investigations, and E. L. Adams, Assistant Agronomist, Office of Cereal Investigations. Pp. 20, figs. 7. Contribution from the Bureau of Plant Industry. Sept. 18, 1915. (Farmers' Bulletin 688.)

Of interest to the rice growers of California.

A Plan for a Small Dairy House. By Ernest Kelly, Dairyman, and Karl E. Parks, Dairy Engineer, Dairy Division. Pp. 4, figs. 4. Contribution from the Bureau of Animal Industry. Sept. 10, 1915. (Farmers' Bulletin 689.)

Suitable for general distribution among farmers and dairymen.



Game Laws for 1915. A Summary of the Provisions Relating to Seasons, Export, Sale, Limits, and Licenses, for the United States and Canada. By T. S. Palmer, W. F. Bancroft, and Frank L. Earnshaw. Pp. 64, figs. 4. Contribution from the Bureau of Biological Survey. Sept. 15, 1915. (Farmers' Bulletin 692.)

For general distribution.

SEPARATES.

Statistics of Crops Other Than Grain Crops, 1914. Pp. 557-612. (Separate 655, Yearbook 1914.) Price, 5 cents.

PUBLICATIONS OF THE WEATHER BUREAU.

Publications of the Weather Bureau are obtainable only from the Chief of the Weather Bureau or the Superintendent of Documents, Government Printing Office, at the prices noted herein.

National Weather and Crop Bulletin, Nos. 25, 26, 27, 28, September, 1915, reporting temperature, rainfall, and crop conditions throughout the United States. (Issued weekly on Wednesday, April to October; monthly remainder of year.) Price, 25 cents a year.

JOS. A. ARNOLD,

Editor and Chief Division of Publications.